

Sixty-Ninth Edition

# Statistical Abstract of the United States 1948

Compiled Under the Supervision  
of Morris H. Hansen  
Statistical Assistant to the Director

*Bureau of the Census  
Library*



U. S. DEPARTMENT OF COMMERCE

Charles Sawyer, Secretary

BUREAU OF THE CENSUS, J. C. Capt, Director

## BUREAU OF THE CENSUS

J. C. CAPT, *Director*

A. Ross Eckler, *Assistant Director*

Howard C. Grieves, *Assistant Director*

Morris H. Hansen, *Statistical Assistant to the Director*

Robert Y. Phillips, *Executive Assistant to the Director*

Calvert L. Dedrick, *Coordinator, International Statistics*

Frank R. Wilson, *Information Assistant to the Director*

### ACKNOWLEDGMENTS

The Statistical Abstract of the United States has been published annually for the past 69 years, and its present content and form are the result of the work of many persons during that period. Revisions are made each year to adapt it to meet current needs and uses, and to bring the various statistical series up to date. The present volume has been compiled under the supervision of Morris H. Hansen, Statistical Assistant to the Director, and Morris B. Ullman, Chief, Statistical Reports Section. Bruce L. Jenkinson is Chief, Statistical Abstract Unit. Kathleen H. Dugan is Editor, and Elma D. Beynon is editorial supervisor, of the annual volume.

The cooperation of many persons acting in either their official positions or as individuals, who contributed to the preparation of this volume, is gratefully acknowledged. The list of tables by source (pages 984-987), as well as the source note following each table, indicates the various government and private agencies cooperating in furnishing information, assisting in the selection and preparation of the material, or otherwise contributing to the preparation of the Statistical Abstract.

JUNE 1948.

### SUGGESTED BRIEF CITATION

U. S. Bureau of the Census, *Statistical Abstract of the United States: 1948*. (Sixty-ninth edition.) Washington, D. C., 1948.

## PREFACE

**Use of the Statistical Abstract.**—The Statistical Abstract of the United States presents in a single annual volume important summary statistics on the industrial, social, political, and economic organization of the United States, and includes a representative selection from most of the important statistical publications. It is, of necessity, limited primarily to national data and to limited summaries by States. It does not attempt to present the great wealth of local data available from many sources.

This book is designed to serve a twofold purpose: *First*, to serve as a convenient reference volume for quantitative summary information; and *second*, to serve as a guide to various important sources of statistical data. If the user finds that the information given here on a particular subject is not sufficiently detailed for his purpose, it is suggested that he refer to the publication or the agency from which the statistics were obtained for publication in the Statistical Abstract. The source of each table is given at the foot of the table. The original source usually contains additional statistical detail, and a more complete discussion of the definitions and concepts involved, than can be presented in the Statistical Abstract; also, it may supply data for small areas. Further, the agency initially responsible for the statistics occasionally can supply still more detailed information on the basis of their unpublished tabulations or records.

**1948 Edition.**—This edition, the 69th annual issue of the Statistical Abstract of the United States, is designated by the year of publication. The statistics shown are the latest available in the early part of the calendar year. The time periods or dates covered by the information in the tables vary according to the practices followed by the various agencies responsible for their preparation.

The presentation of graphic material, begun in the 1947 edition, has been continued. Eighteen pages are now devoted to this type of presentation in comparison with 12 pages in the 1947 edition.

This edition includes 1,070 tables in comparison with 1,059 in the previous edition. General notes have been added for Section 21, Waterways, Water Traffic, and Shipping, and Section 28, Construction and Housing.

Additional or new subject material is presented on population forecasts, employment in the executive branch of the Federal Government, consumer income, motor fuel consumption, national forests, current industrial production, and size of establishments in the distribution and service industries. The listing of tables by source now follows the tabular material (see pages 984-987).

A review of the materials presented in the field of insurance is in process and it is planned to incorporate the results in the next issue. Comments and suggestions relating to improvement of the current presentation of insurance data will be appreciated.

**Supplements to the Abstract.**—The Statistical Abstract, as an annual one-volume publication, is of necessity limited in amount of detail shown. Businessmen, teachers, librarians, public officials, professional workers, and others often require data for individual cities, counties, metropolitan areas, and other small areas as well as for States. Economists, teachers, students, and others frequently need more historical information. To meet such requests for more detail, a series of supplements to the Abstract has been initiated.

The first of these supplements, *Cities Supplement—Statistical Abstract of the United States*, provides 79 different items of information concerning the population, education, housing, labor force, business establishments, government finance, and climate of each of the 397 cities of the United States with 25,000 or more inhabitants in 1940. This supplement is on sale by the Superintendent of Documents, Washington 25, D. C., for 15 cents.

The *County Data Book*, a supplement to the Statistical Abstract of the United States, is the second in this series. This publication brings together 91 different items of information for each of the 3,099 counties of the United States, with summaries for 138 metropolitan areas defined along county lines. Broad subject headings covered are population, labor force, housing, agriculture, industry, trade, and other economic data (including bank deposits, E Bond sales, war supply contracts, and wartime facilities projects). This publication is on sale by the Superintendent of Documents, Washington 25, D. C., for \$2.75.

*Historical Statistics of the United States*, a third supplement, is now in press. This volume brings together 3,000 statistical series which extend back through time. Data are shown for each year back to 1789 or to the earliest data available for the series. In the preparation of this supplement the Bureau had the cooperation of a special committee of the Social Science Research Council set up to advise the Director of the Census on a source book of historical statistics and of the Committee on Research in Economic History under the auspices of the Social Science Research Council.

These supplements to the Statistical Abstract have been prepared to extend the usefulness of the basic annual volume by assembling specialized material in separate books. As these supplements develop it will be possible to edit the material shown in the basic volume to emphasize recent data, while supplements will serve the more specialized needs.

**Responsibility.**—As implied in the title, the contents of this volume are taken from a large number of sources, as indicated in the list of agencies furnishing material. (See pages 984–987.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. However, the responsibility for selection of the material for the general user and for proper presentation rests with the Bureau, even though carried out with the cooperation of many technicians who have given unselfishly of their time and knowledge in order to assist the Bureau's staff in making the presentation as meaningful and useful as possible.

The cooperation of the users must also be acknowledged. Many persons have written offering suggestions for improving the presentation of the material. These letters have been most helpful and users are urged to continue to make their needs known. All suggestions will be carefully considered in planning future editions.

#### FOR ADDITIONAL INFORMATION ON DATA PRESENTED

write to the agency indicated in the source note to the table which covers the desired subject.

#### SUGGESTIONS AND COMMENTS

should be sent to:

The Director  
Bureau of the Census  
Washington 25, D. C.

# CONTENTS

Section	Page
<b>1. AREA AND POPULATION</b> .....	<b>1</b>
Area—Number and geographic distribution of inhabitants—Annual and future estimates—Urban and rural population—Sex—Race—Age—Nativity and parentage—Mother tongue—Citizenship—Internal migration—Marital status—Households—Fertility—Institutional population—Population characteristics in the Territories and possessions—Religious bodies.	
<b>2. VITAL STATISTICS (INCLUDING HEALTH AND MEDICAL CARE)</b> .....	<b>61</b>
Registration area—Births—Completeness of birth registration—Deaths—Life table values—Morbidity—Hospitals—Mental patients under institutional care—Marriage and divorce.	
<b>3. CRIME AND CRIMINALS</b> .....	<b>91</b>
Crime rates—Arrests—Criminal proceedings—Prisoners in State and Federal prisons.	
<b>4. IMMIGRATION, EMIGRATION, AND NATURALIZATION</b> .....	<b>102</b>
Immigration—Emigration—Immigration quotas—Movement and characteristics of aliens—Arrivals and departures, aliens and citizens—Naturalization.	
<b>5. EDUCATION</b> .....	<b>117</b>
School attendance—Years of school completed—Elementary and secondary schools—Institutions of higher education—Special schools—Vocational schools—Vocational rehabilitation.	
<b>6. CLIMATE</b> .....	<b>146</b>
Elevation of stations—Temperature—Precipitation—Snowfall—Sunshine—Wind velocity—Relative humidity—Degree days.	
<b>7. PUBLIC LANDS AND NATIONAL PARK SYSTEM</b> .....	<b>159</b>
Lands in Federal ownership—Public and Indian land—Land grants—National Park System—Visitors to National Parks—Lands under jurisdiction of Office of Indian Affairs.	
<b>8. LABOR FORCE, EMPLOYMENT, AND PAY ROLLS</b> .....	<b>167</b>
Employment status—Persons not in the labor force—Class of worker—Industry—Government employment—Occupation—Family employment—Farm employment and wage rates—Production workers and pay rolls—Average hours and earnings—Labor turn-over—Industrial injuries—Work stoppages.	
<b>9. MILITARY SERVICES AND VETERANS' AFFAIRS</b> .....	<b>226</b>
Army—Navy—Marine Corps—Coast Guard—Ships and aircraft of the U. S. Navy—Veterans' Administration including Government insurance—Red Cross.	

Section	Page
<b>10. SOCIAL SECURITY AND RELATED PROGRAMS</b> .....	237
Public expenditures for social security and related purposes—Retirement, disability, and survivor programs—Old-age and survivors insurance—Unemployment insurance—Railroad retirement insurance—Railroad unemployment insurance—Employment service—Government employee retirement systems—Public assistance.	
<b>11. INCOME AND EXPENDITURES</b> .....	276
National income and product—Individual and family income—Civilian spending and savings—Consumer income and expenditures.	
<b>12. PRICES</b> .....	292
Wholesale prices—Retail prices—Indexes of consumers' prices and prices paid by farmers—Unit values of commodities exported and imported.	
<b>13. ELECTIONS</b> .....	311
Electoral and popular vote for President—Votes for U. S. Senators and Representatives—Offices elective in 1946 and 1947—Congressional representation.	
<b>14. NATIONAL GOVERNMENT FINANCES</b> .....	318
Receipts and expenditures—Appropriations—Internal revenue collections—Individual and corporation income tax returns—Public and private debt—Government securities—Assets and liabilities of Government corporations and credit agencies.	
<b>15. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT</b> .....	375
Governmental units—General revenues and general expenditures—Public-service enterprises—State tax collections—State aid to local governments—Debt—Employees and pay rolls.	
<b>16. BANKING AND FINANCE</b> .....	401
Money—Banks; principal assets, liabilities and other information for all banks, Federal Reserve banks, National banks, savings banks, mutual savings banks—Savings—Liquid assets—Government corporations and credit agencies—Savings and loan associations—Credit unions—Bank clearings—Consumer credit—Insurance—Commodity and stock exchanges—Assets, liabilities, profits, and dividends of corporations—Capital issues—Industrial and commercial failures—Business population and turn-over.	
<b>17. COMMUNICATION SYSTEMS (INCLUDING POSTAL SERVICE)</b> ...	476
Telephone systems—Telegraph systems—Radio broadcast stations—Postal service.	
<b>18. POWER</b> .....	490
Supply of energy—Electric energy; capacity of generating plants and production—Financial and operating statistics of electric utility companies—Typical electric bills—Water power.	
<b>19. PUBLIC ROADS AND MOTOR VEHICLES</b> .....	502
Rural roads—State highway systems—Federal highway projects—Motor vehicles—State motor-vehicle registrations and revenues—Motor fuel consumption—Nation-wide truck and bus inventory—Motor-vehicle accident fatalities.	

Section	Page
20. TRANSPORTATION, AIR AND LAND—STEAM AND ELECTRIC RAILWAYS, EXPRESS COMPANIES, MOTOR BUSES, AND CIVIL AERONAUTICS.....	518
Steam railways: Mileage; equipment; employees; receiverships; capitalization, investment, income, dividends, revenue, expenses; freight and passenger service; accidents—Express companies—Pullman company—Electric railways—Motor carriers of property and passengers—Motor-bus lines—Civil aeronautics.	
21. WATERWAYS, WATER TRAFFIC, AND SHIPPING.....	551
Water-borne commerce, foreign and domestic—Ocean ports—Great Lakes ports—Rivers, canals, and connecting channels—Merchant marine—Wrecks and casualties—Panama Canal traffic—Net tonnage of vessels entered and cleared in foreign trade.	
22. IRRIGATION AND DRAINAGE.....	574
Irrigation enterprises—Irrigation of agricultural lands—Federal reclamation projects—Drainage on farms—Drainage enterprises.	
23. AGRICULTURE—GENERAL STATISTICS.....	592
Number and acreage of farms—Land utilization—Land transfers—Value of farm property—Value of farm products—Type of farm—Color and tenure of farm operators—Farm mortgage status and indebtedness—Farm labor—Farm income and expenditures—Farm facilities, roads, etc.—Farmers' marketing and purchasing associations—Farms and farm property in Territories and possessions.	
24. AGRICULTURE—PRODUCTION AND RELATED SUBJECTS.....	639
Indexes of volume of farm production and farm prices—Agricultural products exported and imported—Acreage, production, and value of crops—Acreage losses—Grain—Hay—Tobacco—Sugar—Cotton—Cottonseed and products—Vegetables—Fruits—Animal and vegetable fats and oils—Foreign trade in foodstuffs and silk—Canned fruits and vegetables—Domestic animals and chickens on farms—Livestock or livestock production, receipts and shipments—Meats, lard, and animal products—Dairy products—Oleomargarine—Poultry—Eggs—Cold storage holdings—Wool—Farm animals and farm crops in Territories and possessions.	
25. FORESTS AND FOREST PRODUCTS.....	713
Commercial forest land—Stand and growth of saw timber—Annual drain—National forests—Forest fires—Timber cut—Lumber and lumber products.	
26. FISHERIES.....	732
Fisheries—Quantity and value of catch—Canned and frozen fishery products—Exports and imports of fishery products—Fish propagation.	
27. MINING AND MINERAL PRODUCTS.....	740
Mineral industries—Mineral products—Ferrous and nonferrous metals—Coke—Coal—Natural and manufactured gas—Crude and refined petroleum—Oil wells—Asphalt and gypsum—Cement—Stone—Salt.	

Section	Page
28. CONSTRUCTION AND HOUSING.....	781
Construction contracts—Building permits—Construction industry—Construction and building costs—Materials consumption—Public housing—Characteristics and occupants of dwelling units—Rents and values—Facilities and equipment—Persons per room—Nonfarm mortgaged properties.	
29. MANUFACTURES.....	822
Manufactures—Wage earners and production—Power requirements—Inventories—Production and related information on selected products and groups of products—Printing and publishing—Manufactures in Alaska, Hawaii, and Puerto Rico—Patents—Copyrights.	
30. FOREIGN COMMERCE OF THE UNITED STATES.....	899
Foreign trade—Gold and silver—Balance of international payments—In-transit and transshipment trade—Duties collected.	
31. COMMERCE OF TERRITORIES AND POSSESSIONS.....	944
Alaska—Puerto Rico—Hawaii—American Samoa—Virgin Islands—Guam.	
32. DISTRIBUTION AND SERVICES.....	950
Distribution of manufacturers' sales—Wholesale trade—Retail trade—Chain stores and mail-order houses—Department stores—Service establishments—Hotels—Places of amusement.	
APPENDIX.....	982
Weights and measures—Foreign exchange rates.	
TABLES BY SOURCE.....	984
BIBLIOGRAPHY OF SOURCES OF STATISTICAL DATA.....	988
INDEX.....	1019

---

### MAPS AND CHARTS

Figure	Page
A. Map of the United States, showing Census divisions.....	x
B. Population change for States: 1940 to 1946.....	4
C. Vital statistics rates: 1915 to 1946.....	64
D. Immigrant aliens admitted and emigrant aliens departed: 1925 to 1947....	104
E. Aliens naturalized: 1925 to 1947.....	104
F. Current expense per pupil in average daily attendance, for public elementary and secondary schools: 1945.....	118
G. Labor force, employment, and unemployment: 1940 to 1947.....	170
H. Social security operations: 1940 to 1947.....	242
J. Per capita income payments to individuals: 1946.....	278
K. Wholesale prices in two world wars.....	294
L. Net public and private debt on December 31: 1916 to 1946.....	320



Figure	Page
M. Net debt, by component parts, on December 31: 1941 to 1946.....	320
N. State tax collections: 1915 to 1947.....	376
P. Deposits and currency of all banks: 1923 to 1948.....	406
Q. Installed capacity of electric utility generating plants in the United States: 1889 to 1947.....	492
R. Revenue freight originated, class I railroads: 1916 to 1946.....	520
S. Number and acreage of farms: January 1, 1945.....	594
T. Value of mineral production: 1870 to 1947.....	741
U. Industrial production indexes: 1934 to 1946.....	824
W. Foreign trade by economic classes: 1916 to 1947.....	900

### STATISTICAL ABSTRACT SUPPLEMENTS

*Cities Supplement—Statistical Abstract of the United States.*

Selected data (79 items) for 397 cities having 25,000 inhabitants or more in 1940. Washington, D. C., September 1944. 47 p. Price \$0.15 (Paper).

*County Data Book.* Contains 91 items of statistical data for each county and metropolitan area in the United States. Washington, D. C., 1947. 431 p., maps. Price \$2.75 (Buckram).

*Historical Statistics of the United States.* Contains 3,000 statistical time series, largely annual, extending back through time—to 1789 where possible. (In press.)

Purchase orders should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

FIGURE A.—MAP OF THE UNITED STATES, SHOWING CENSUS DIVISIONS

